

Library Reference 8.7.3.2.2

**Trophic Guild CPUE and Relative Abundance from electrofishing data in 2009 with (a) and without (b) Clupeids.**

Results are presented for each of five strata and the whole lake, for each sampling event (spring and fall) and for both sampling events combined. Clupeids (shad and alewives) are often captured in high numbers. Therefore the tables are presented with clupeids included and not included so that the relative proportion of non-clupeids can be discerned. Refer to AMP 2009 Library Reference 8.7.3.2.1 for a list of species within each guild.

**a) Clupeids Included**

Area	Time	Planktivore		Benthic Invertivore		Invertivore/ Piscivore		Piscivore		Invertivore		Planktivore/ Invertivore		Detritivore	
		Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance
Whole Lake	Spring	158	25%	61	9%	193	30%	42	7%	151	24%	26	4%	11	2%
	Fall	1	0%	35	8%	144	32%	38	8%	162	36%	13	3%	63	14%
	Whole Year	77	14%	48	9%	168	31%	40	7%	156	29%	20	4%	36	7%
Stratum 1	Spring	55	11%	22	4%	180	35%	43	8%	171	33%	40	8%	4	1%
	Fall	0	0%	45	9%	146	28%	43	8%	234	45%	14	3%	34	7%
	Whole Year	29	6%	34	6%	163	32%	44	9%	202	39%	28	5%	18	3%
Stratum 2	Spring	232	30%	93	12%	269	35%	34	4%	106	14%	10	1%	35	5%
	Fall	4	1%	38	9%	132	30%	31	7%	63	14%	2	1%	168	38%
	Whole Year	113	19%	65	11%	202	33%	33	5%	85	14%	6	1%	100	17%
Stratum 3	Spring	337	48%	50	7%	112	16%	33	5%	116	16%	58	8%	2	0%
	Fall	0	0%	32	9%	81	24%	35	10%	106	31%	17	5%	67	20%
	Whole Year	160	31%	41	8%	95	19%	33	7%	109	21%	36	7%	34	7%
Stratum 4	Spring	179	30%	47	8%	201	33%	46	8%	130	21%	0	0%	2	0%
	Fall	0	0%	23	5%	179	40%	36	8%	196	43%	12	3%	6	1%
	Whole Year	87	16%	34	7%	191	36%	40	8%	165	31%	6	1%	4	1%
Stratum 5	Spring	0	0%	94	15%	175	29%	58	9%	257	42%	25	4%	0	0%
	Fall	0	0%	30	6%	185	36%	45	9%	229	45%	24	5%	2	0%
	Whole Year	0	0%	63	11%	180	32%	51	9%	244	43%	25	4%	1	0%

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**Trophic Guild CPUE and Relative Abundance from electrofishing data in 2009 with (a) and without (b) Clupeids (continued).**

Results are presented for each of five strata and the whole lake, for each sampling event (spring and fall) and for both sampling events combined. Clupeids (shad and alewives) are often captured in high numbers. Therefore the tables are presented with clupeids included and not included so that the relative proportion of non-clupeids can be discerned.

**b) Clupeids Excluded**

Area	Time	Planktivore		Benthic Invertivore		Invertivore/ Piscivore		Piscivore		Invertivore		Planktivore/ Invertivore		Detritivore	
		Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance	Relative CPUE	Relative Abundance
Whole Lake	Spring	0	0%	61	13%	193	41%	42	9%	151	32%	26	6%	0	0%
	Fall	0	0%	35	9%	144	37%	38	10%	162	41%	13	3%	0	0%
	Whole Year	0	0%	48	11%	168	39%	40	9%	156	36%	20	5%	0	0%
Stratum 1	Spring	0	0%	22	5%	180	39%	43	10%	171	37%	40	9%	0	0%
	Fall	0	0%	45	9%	146	30%	43	9%	234	49%	14	3%	0	0%
	Whole Year	0	0%	34	7%	163	35%	44	9%	202	43%	28	6%	0	0%
Stratum 2	Spring	0	0%	93	18%	269	53%	34	7%	106	21%	10	2%	0	0%
	Fall	0	0%	38	14%	132	50%	31	12%	63	24%	2	1%	0	0%
	Whole Year	0	0%	65	17%	202	52%	33	8%	85	22%	6	1%	0	0%
Stratum 3	Spring	0	0%	50	14%	112	30%	33	9%	116	31%	58	16%	0	0%
	Fall	0	0%	32	12%	81	30%	35	13%	106	39%	17	6%	0	0%
	Whole Year	0	0%	41	13%	95	30%	33	11%	109	35%	36	11%	0	0%
Stratum 4	Spring	0	0%	47	11%	201	47%	46	11%	130	31%	0	0%	0	0%
	Fall	0	0%	23	5%	179	40%	36	8%	196	44%	12	3%	0	0%
	Whole Year	0	0%	34	8%	191	44%	40	9%	165	38%	6	1%	0	0%
Stratum 5	Spring	0	0%	94	15%	175	29%	58	9%	257	42%	25	4%	0	0%
	Fall	0	0%	30	6%	185	36%	45	9%	229	45%	24	5%	0	0%
	Whole Year	0	0%	63	11%	180	32%	51	9%	244	43%	25	4%	0	0%